

Fig. 1a (State of the Art)

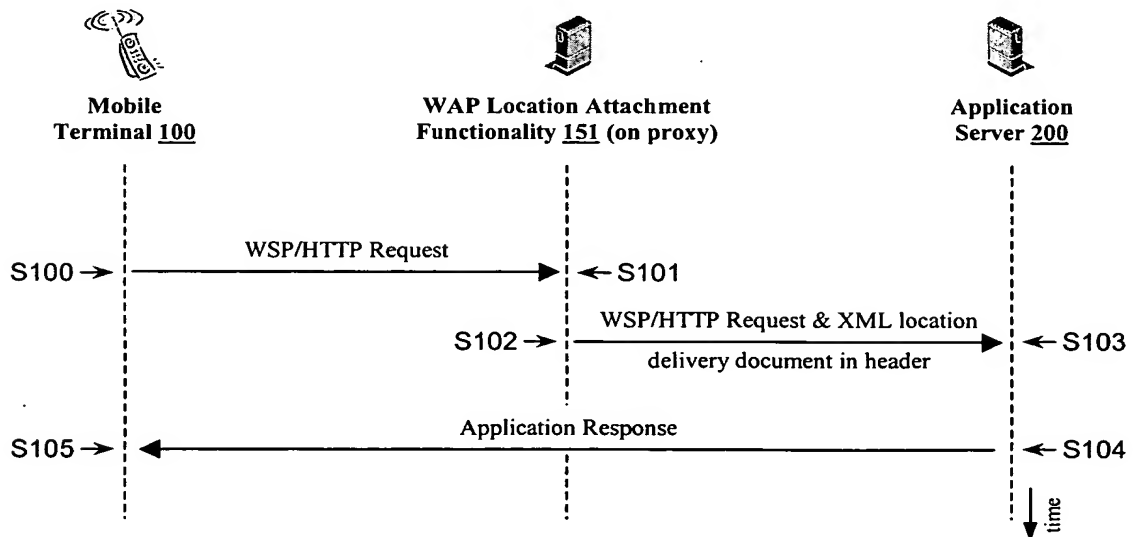


Fig. 1b (State of the Art)

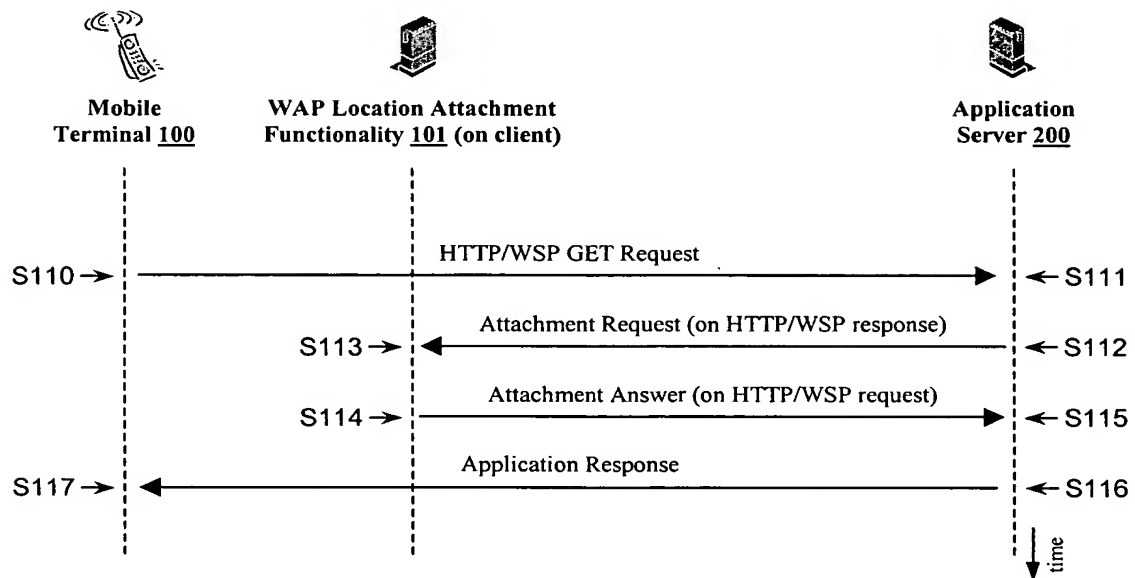


Fig. 1c (State of the Art)

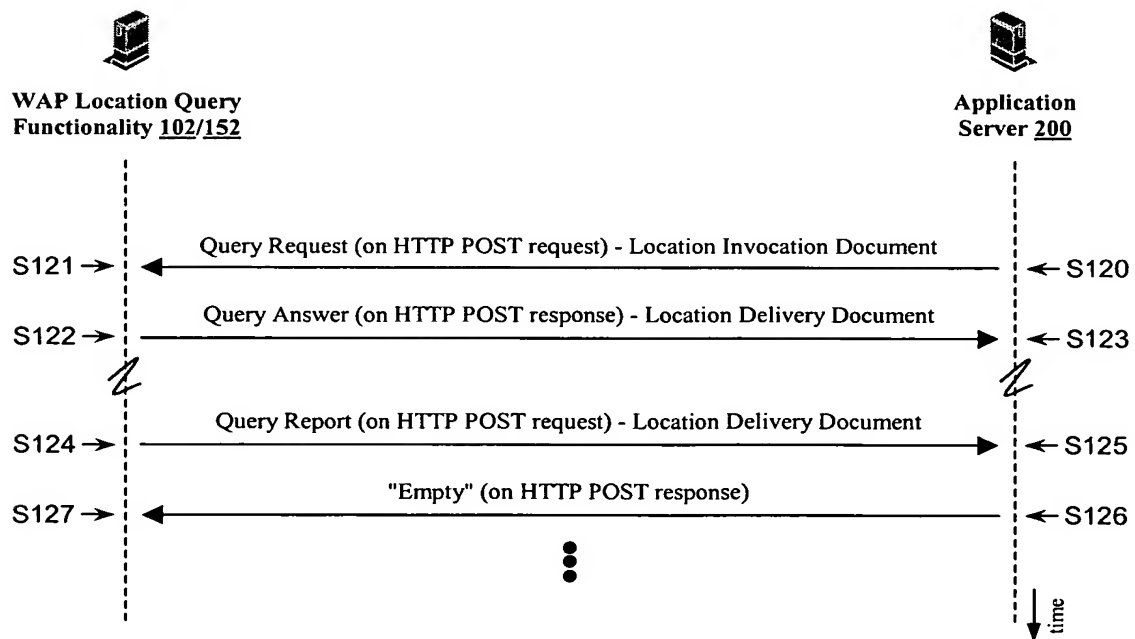


Fig. 1d (State of the Art)

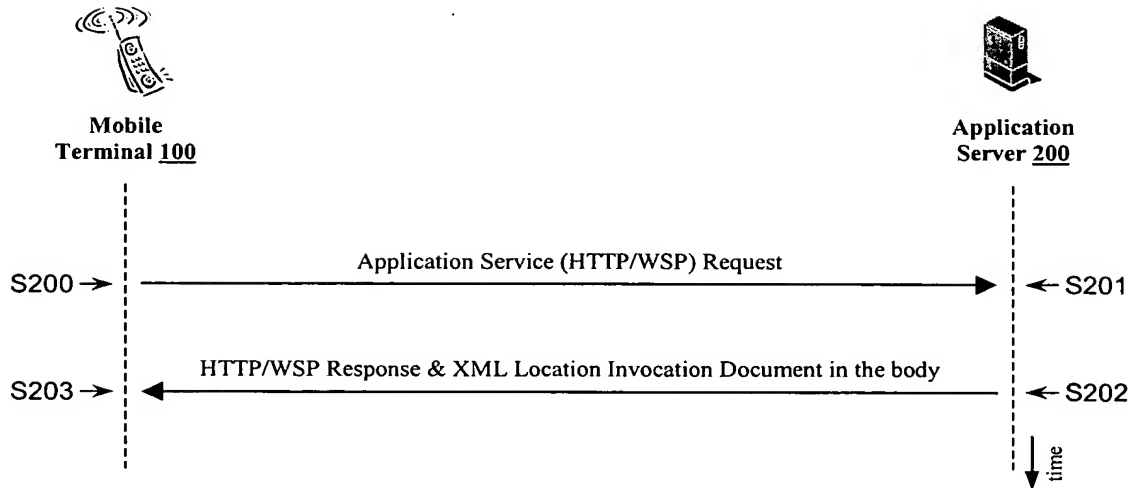


Fig. 2a

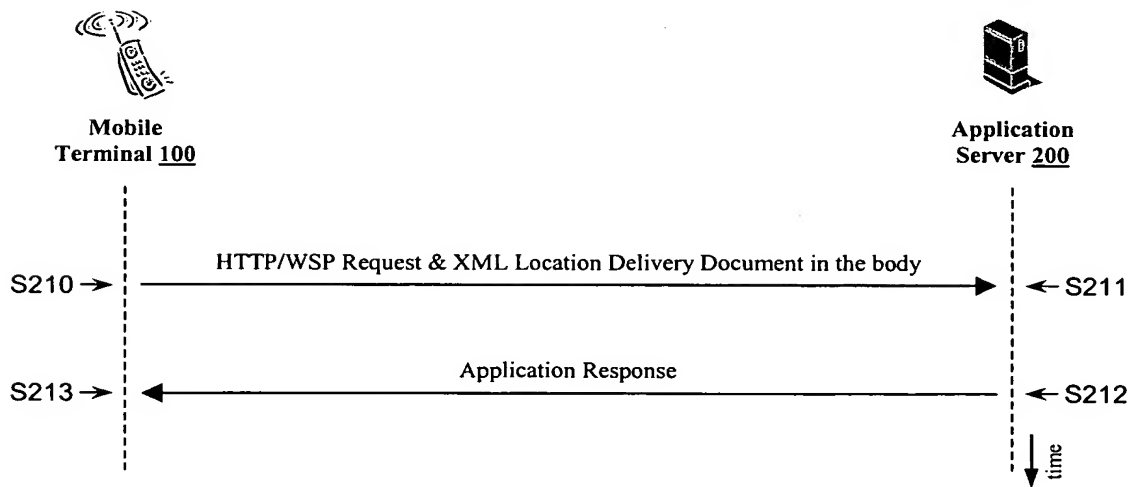


Fig. 2b

```
1: HTTP/1.1 200 OK
2: Content-Type: application/vnd.wap.loc+xml
3: Content-Length: 300
4: <?xml version = "1.0" ?>
5: <!DOCTYPE invocation PUBLIC
6:     "-//WAPFORUM//DTD LOC INV 1.0//EN"
7:     "http://www.wapforum.org/DTD/loc/invocation-1.0.dtd">
8: <invocation>
9:     <!-- invocation data ... !>
10: </invocation>
```

Fig. 3a

```
1: POST /loc-service HTTP/1.1
2: Host: www.MyLocationBasedApplication.com
3: Content-Type: application/vnd.wap.loc+xml
4: Content-Length: 400
5: <?xml version = "1.0" ?>
6: <!DOCTYPE delivery PUBLIC
7:     "-//WAPFORUM//DTD LOC DEL 1.0//EN"
8:     "http://www.wapforum.org/DTD/loc/delivery-1.0.dtd">
9: <delivery>
10:     <!-- delivery data ... !>
11: </delivery>
```

Fig. 3b

```
1: GET /loc-service HTTP/1.1
2: Host: www.MyLocationBasedApplication.com
3: Content-Type: application/vnd.wap.loc+xml
4: Content-Length: 400
5: <?xml version = "1.0" ?>
6: <!DOCTYPE delivery PUBLIC
7:     "-//WAPFORUM//DTD LOC DEL 1.0//EN"
8:     "http://www.wapforum.org/DTD/loc/delivery-1.0.dtd">
9: <delivery>
10:     <!-- delivery data ... !>
11: </delivery>
```

Fig. 3c

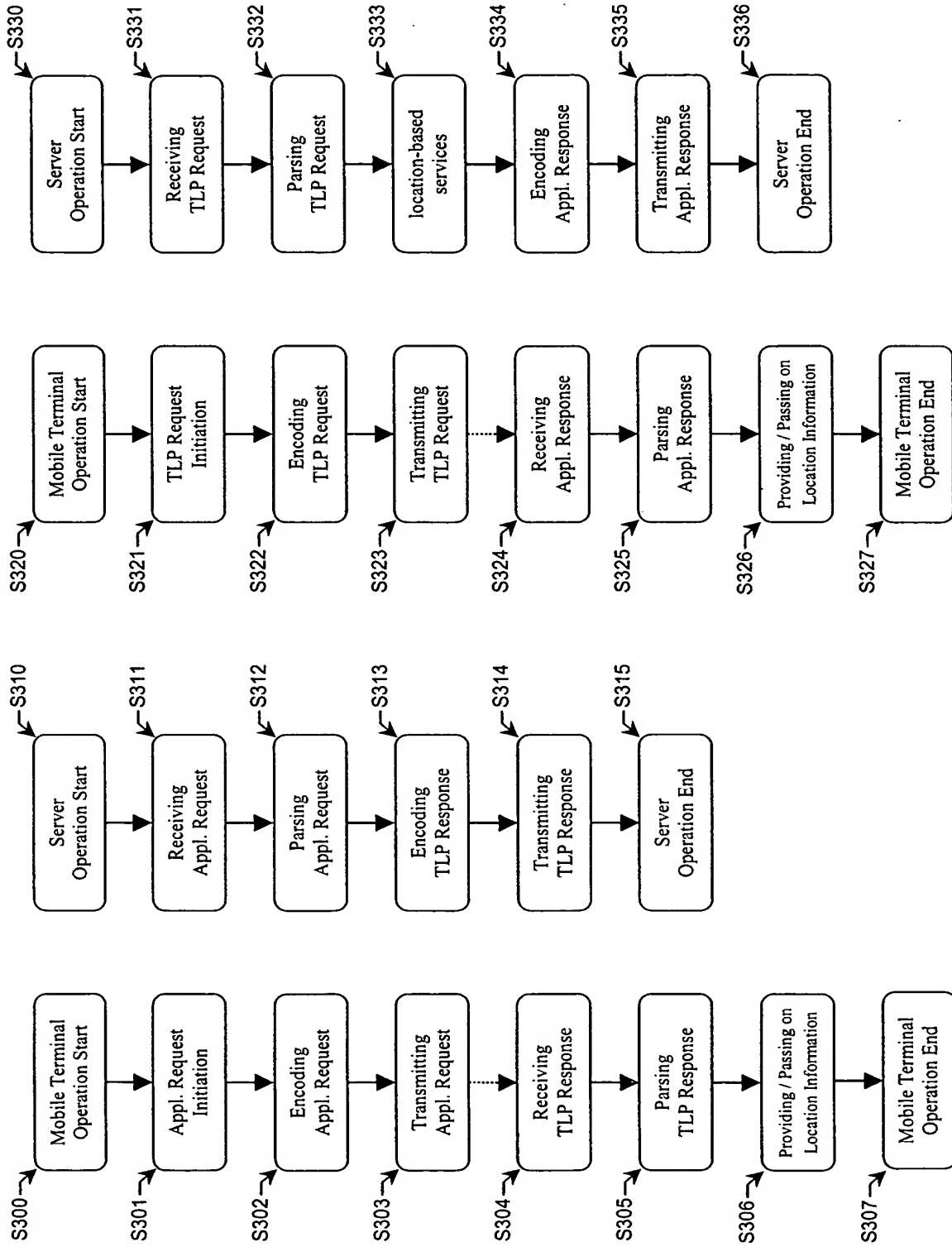


Fig. 4d

Fig. 4c

Fig. 4b

Fig. 4a

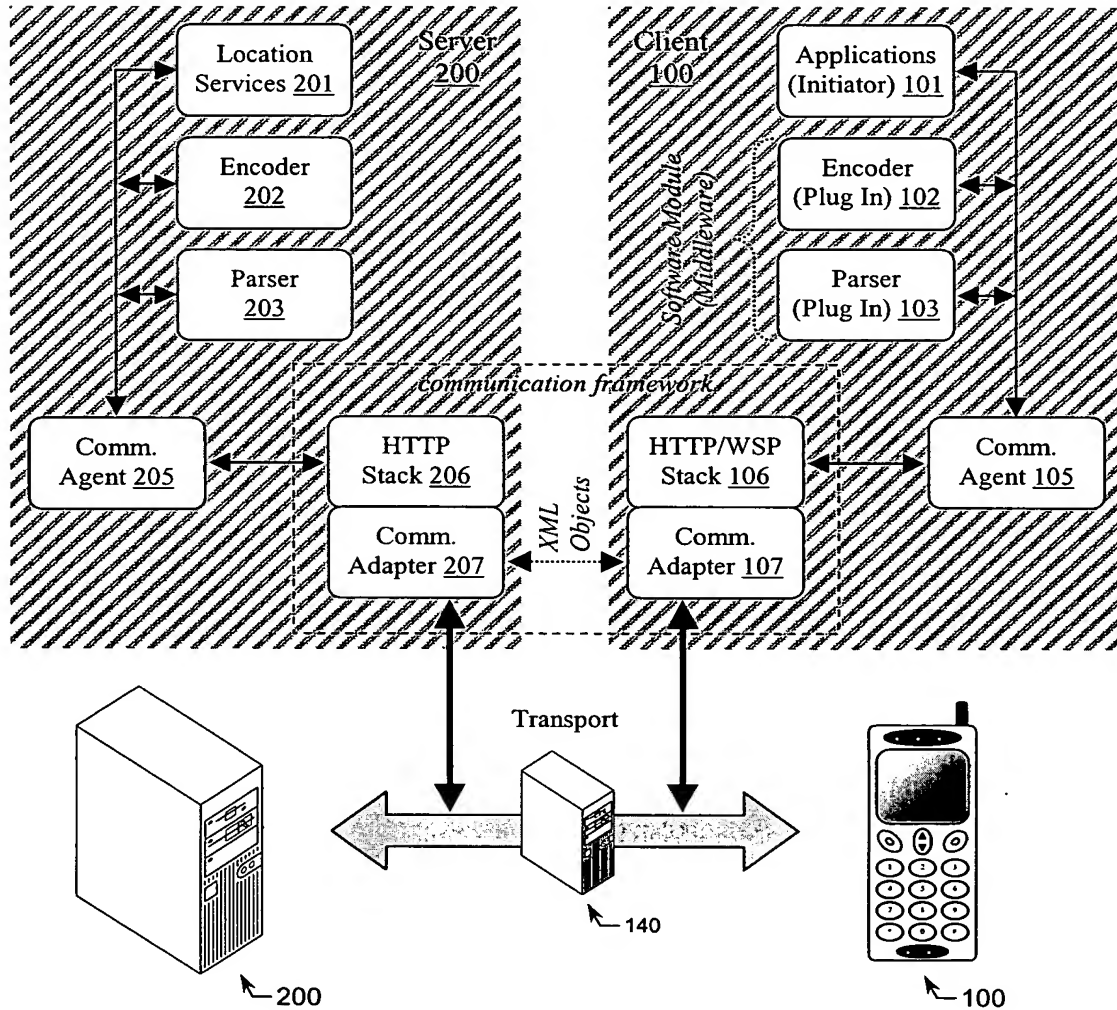


Fig. 5